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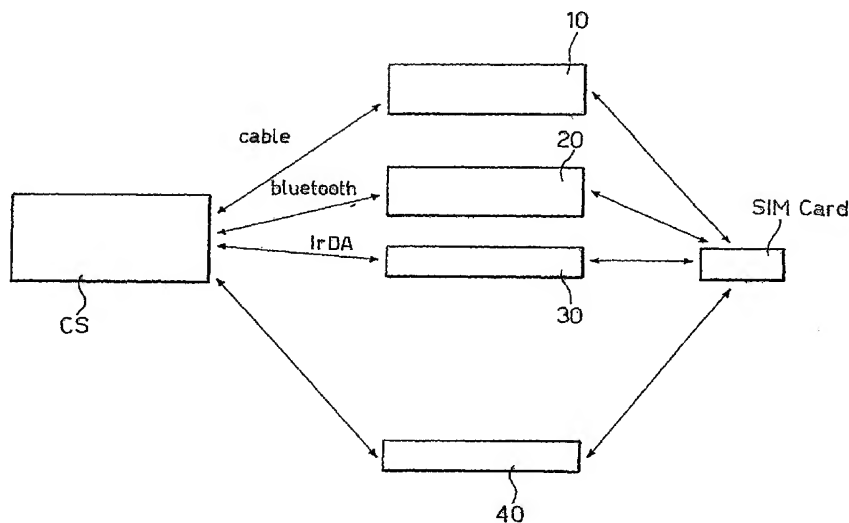
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(54) Title: METHOD AND SYSTEM FOR THE CIPHER KEY CONTROLLED EXPLOITATION OF DATA RESOURCES, RELATED NETWORK AND COMPUTER PROGRAM PRODUCTS



(57) Abstract: An arrangement for the cipher controlled exploitation of data resources (e.g. securely storing and retrieving sensitive data or securely registering and logging on a computer system) includes the steps of: providing a subscriber identity module (SIM) carrying a security algorithm; generating at least one, e.g. two, random value (RAND1, RAND2); subjecting the random value (RAND1, RAND2) to the at least one security algorithm to generate at least one, e.g., two, session key (Kc1, Kc2); processing the session key (Kc1, Kc2) via a mixer function (h) such as a hash function to produce a cipher key; and using the cipher key (K) thus produced for exploiting the data resources.

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